

United States Patent [19]

Tamaoki et al.

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[54] EASILY BREAKABLE PLASTIC CAPSULE AND A WATER FILTER FOR A CIGARETTE USING THE SAME

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[58] Field of Search 131/173, 335, 337; 220/207, 359, 265, 266, 89 R, 89 A; 222/541, 107, 95; 401/132

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Primary Examiner—V. Millin

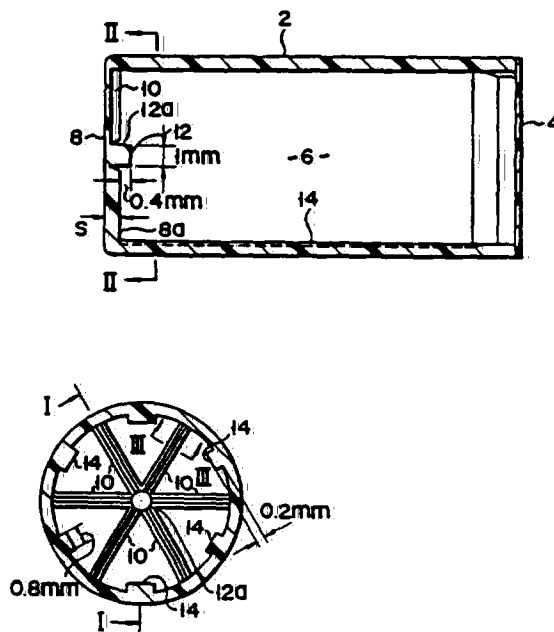
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[57] ABSTRACT

An easily breakable plastic capsule according to the present invention comprises a hollow cylindrical body capable of elastic deformation. The body is packed with a fluid material. An end wall of the body is formed with a plurality of radially extending grooves. When the body is deformed elastically, the bottom walls of the grooves are broken, so that the material flows out of the body through tears in the grooves. A water filter according to the present invention comprises a casing, made of paper and coupled to a cigarette, and a filter member and the capsule arranged in the casing. The grooved end wall of the capsule is situated in close vicinity to the filter member.

25 Claims, 4 Drawing Sheets



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